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# **Multinational Comparisons of Health Systems Data, 2011**

**David Squires  
The Commonwealth Fund**

**November 2011**

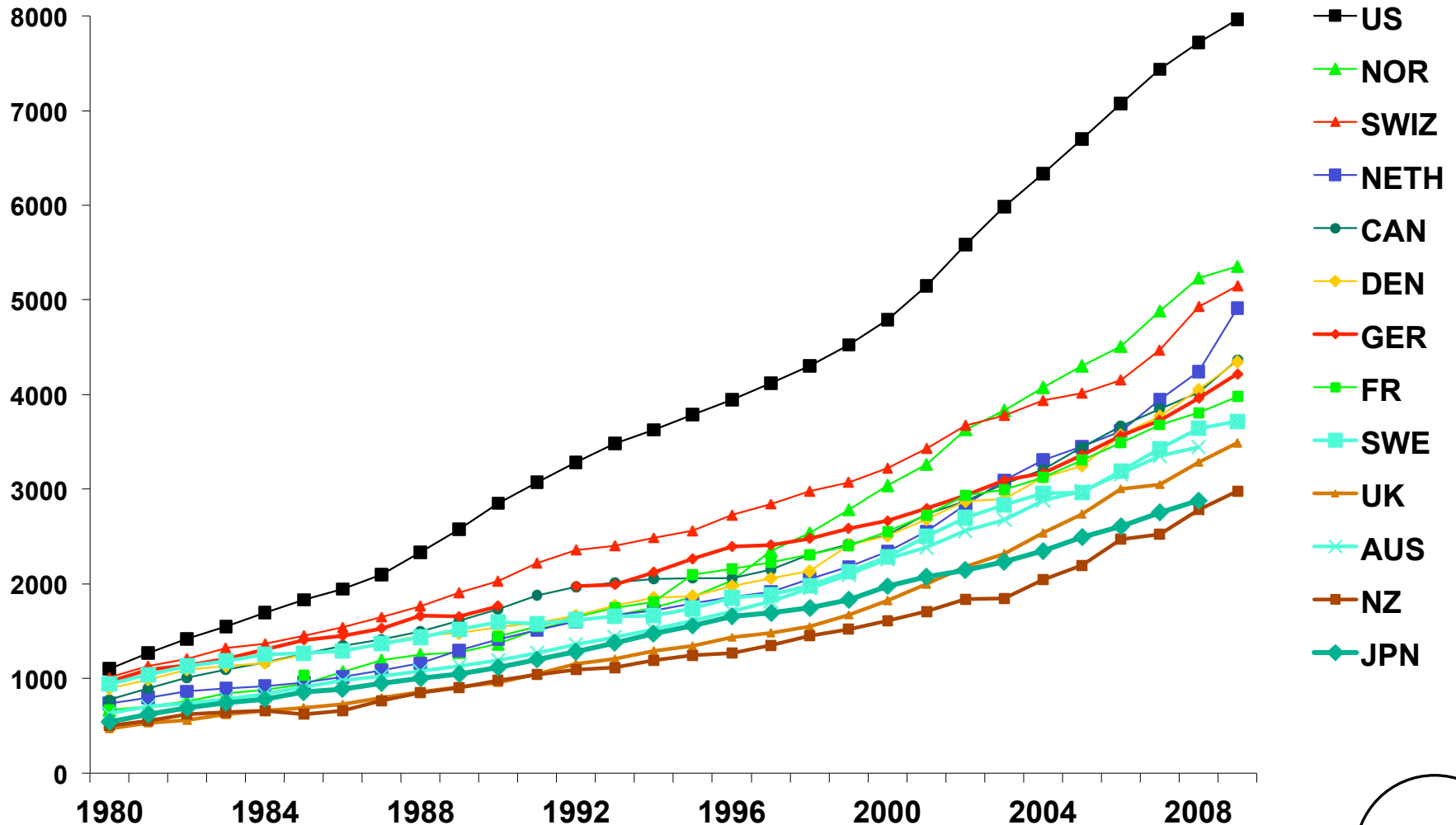
# Health Care Spending and Coverage



# Average Health Care Spending per Capita, 1980–2009

Adjusted for differences in cost of living

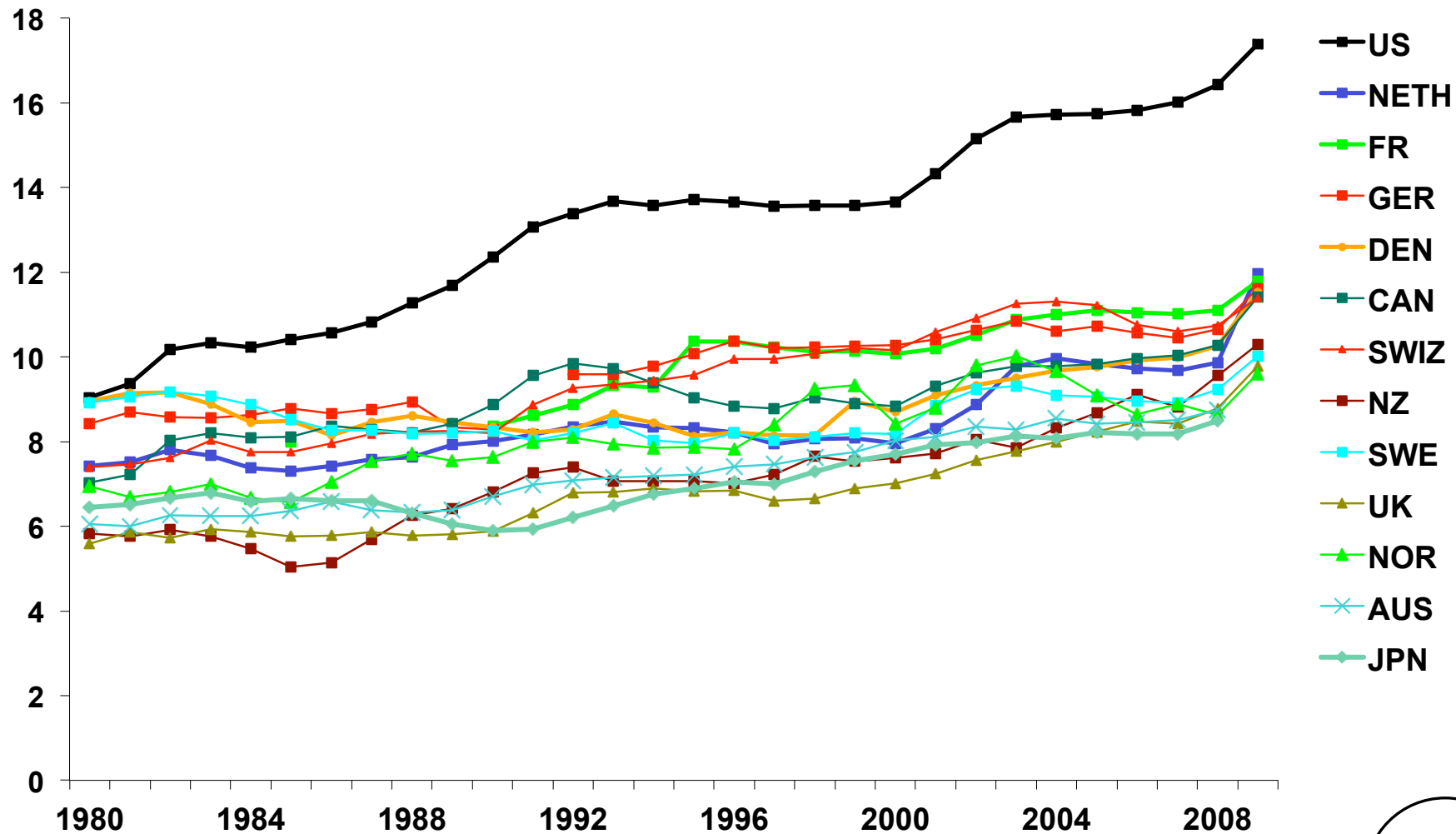
Dollars



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# Health Care Spending as a Percentage of GDP, 1980–2009

Percent



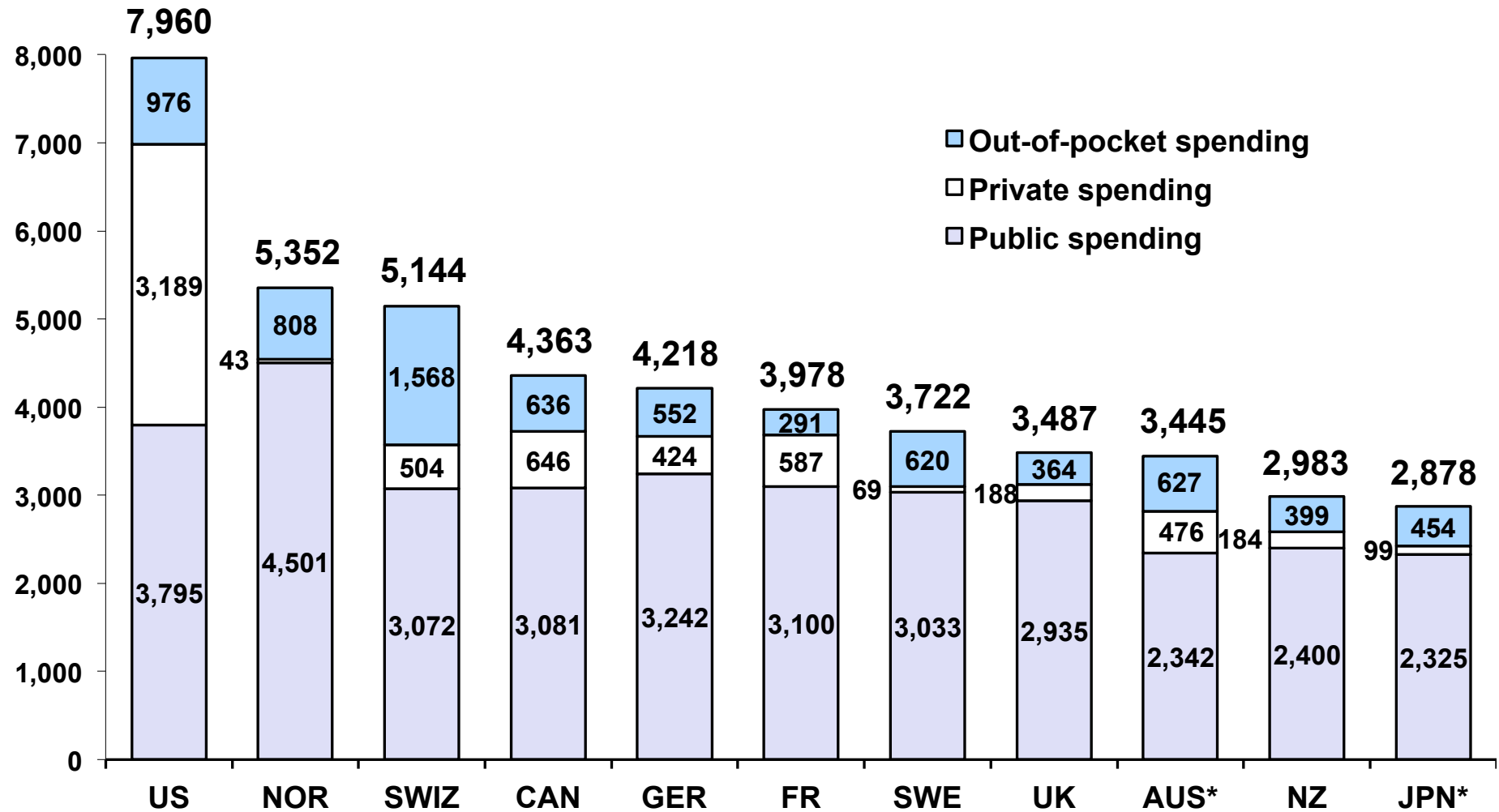
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GDP refers to gross domestic product.  
Source: OECD Health Data 2011 (June 2011).

# Health Care Spending per Capita by Source of Funding, 2009

## Adjusted for Differences in Cost of Living

Dollars



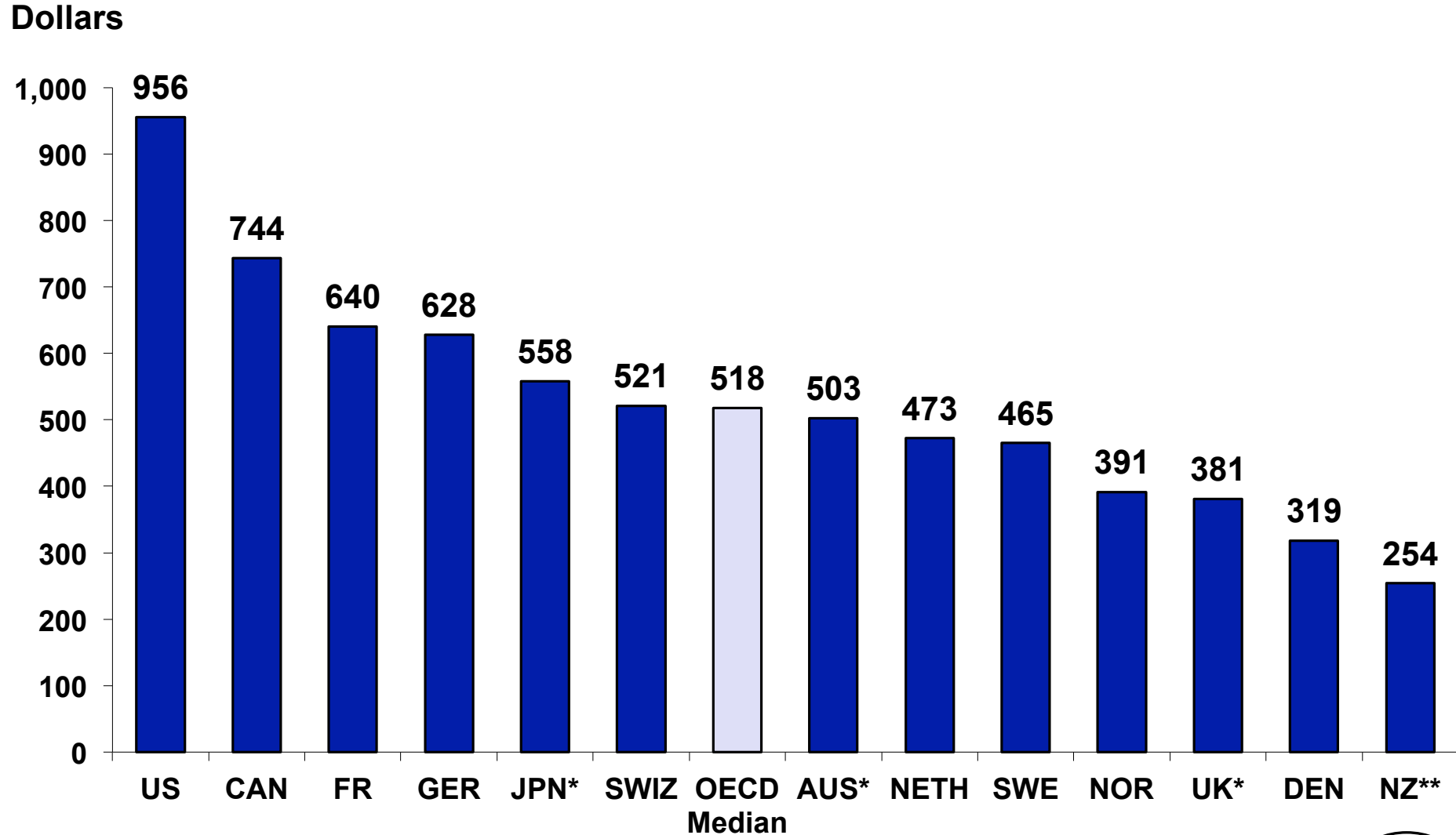
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\* 2008.

Source: OECD Health Data 2011 (June 2011).

# Pharmaceutical Spending per Capita, 2009

## Adjusted for Differences in Cost of Living



\* 2008.

\*\* 2007.

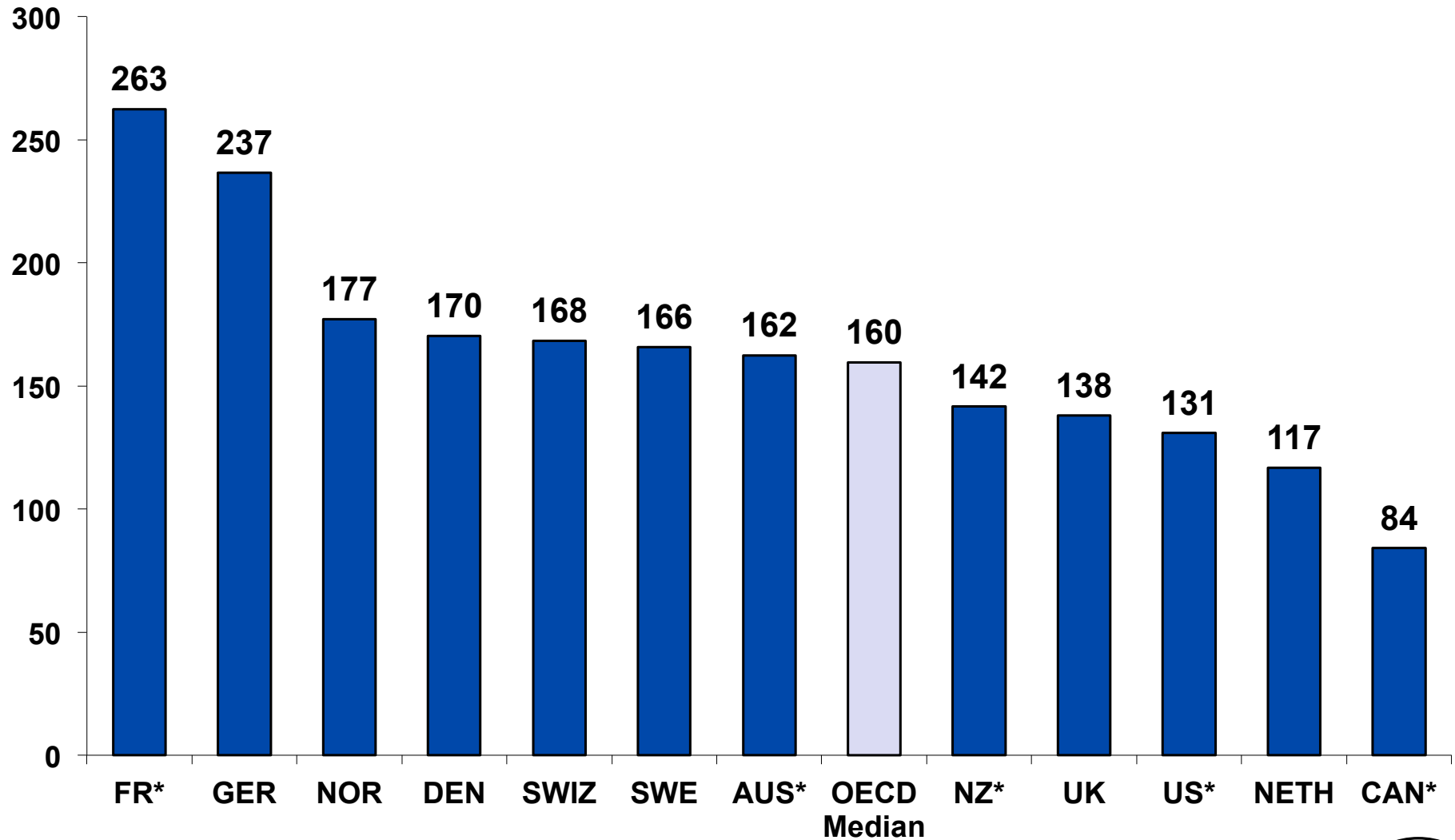
Source: OECD Health Data 2011 (June 2011).



# Health Care Supply and Utilization



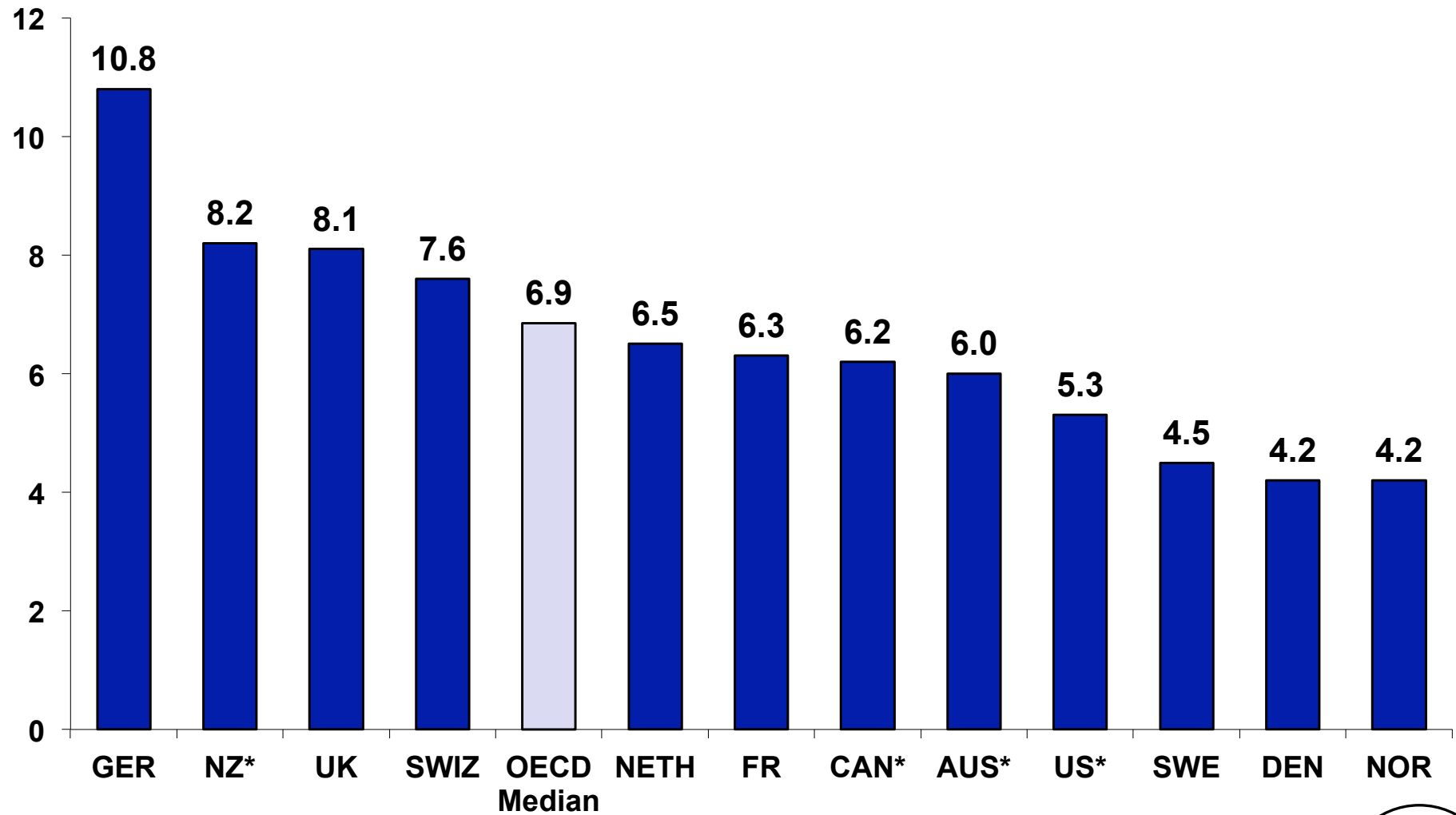
# Hospital Discharges per 1,000 Population, 2009



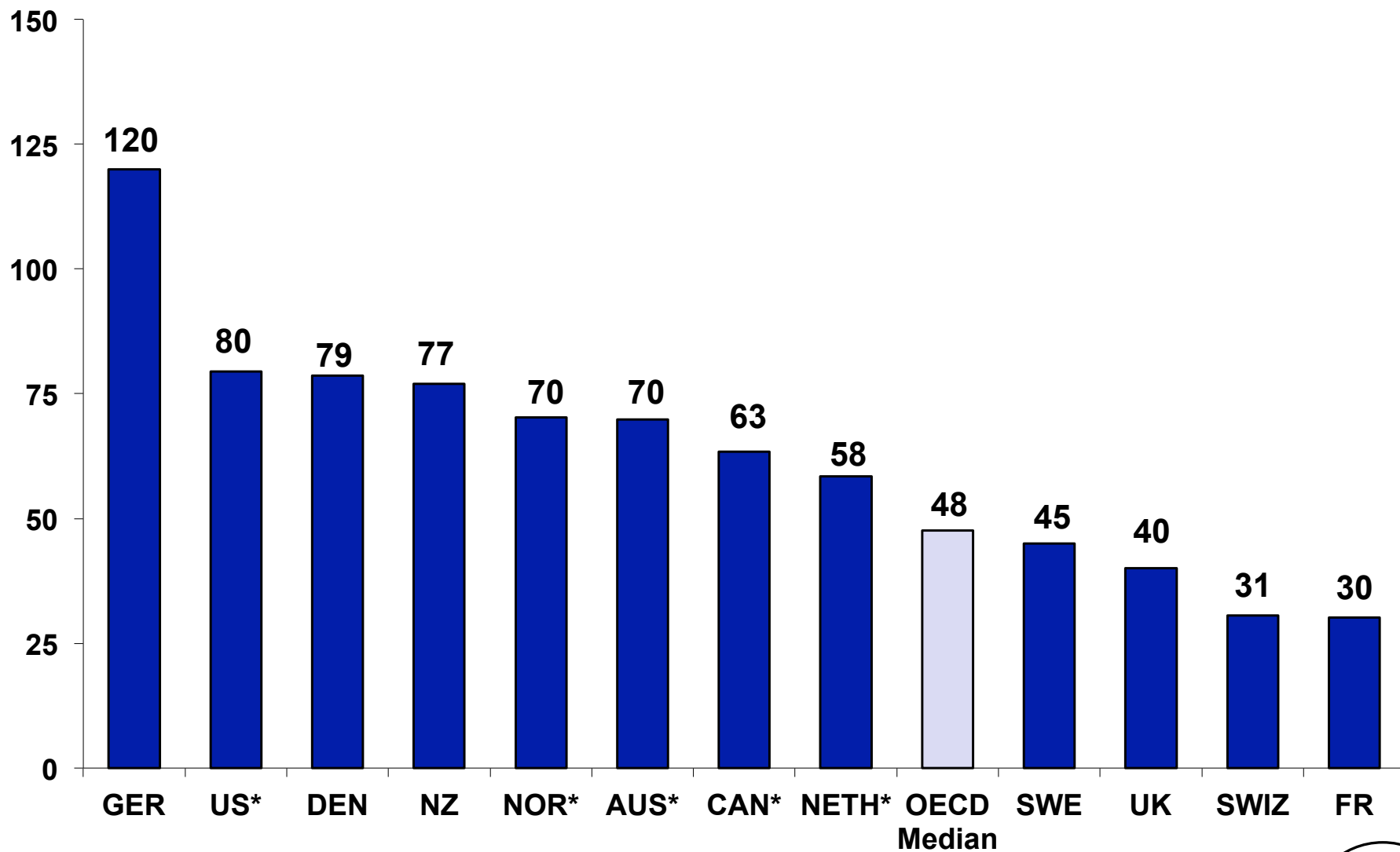


# Average Length of Hospital Stay for Acute Myocardial Infarction, 2009 <sup>9</sup>

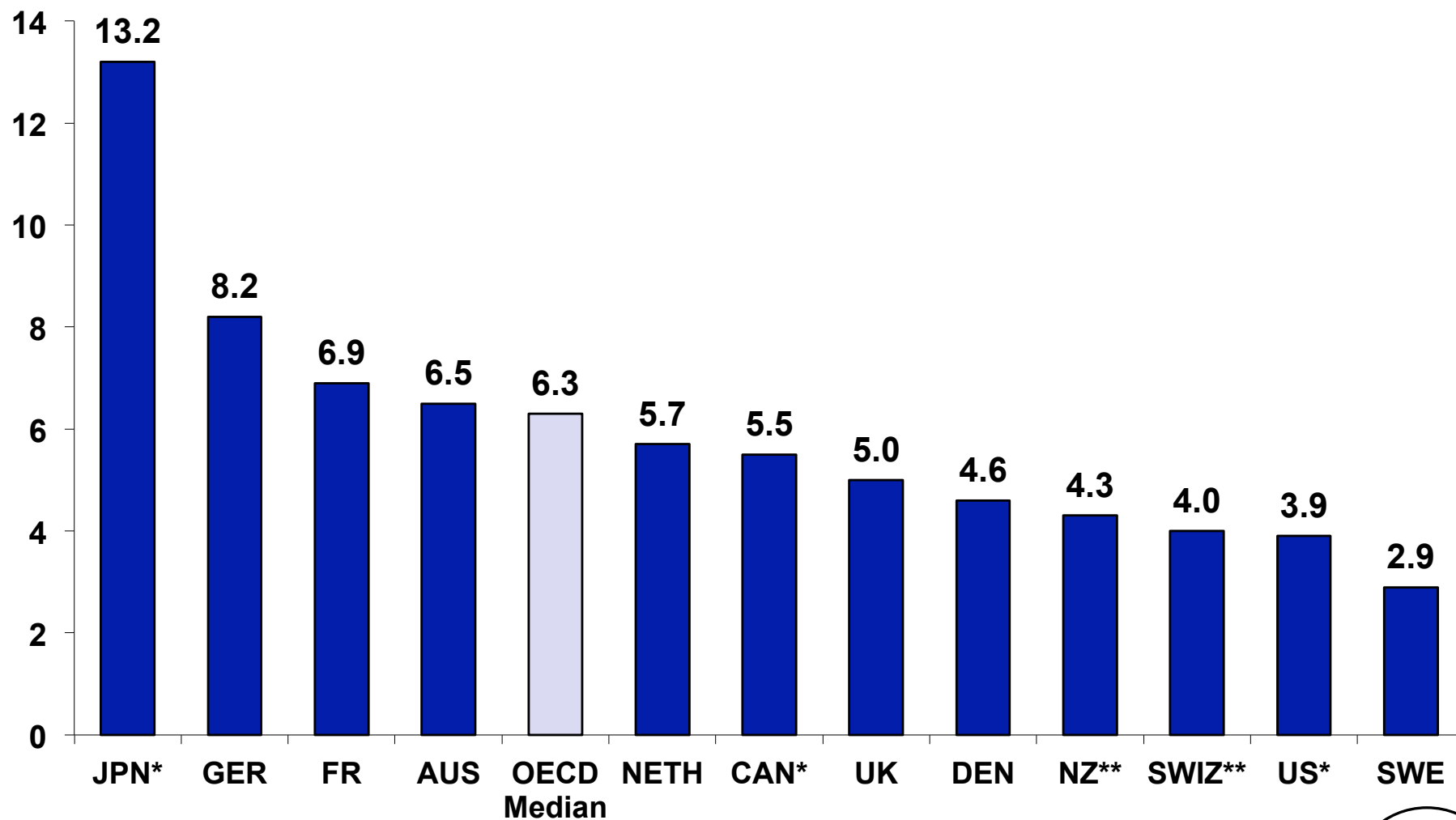
Days



# Inpatient Coronary Bypass Procedures per 100,000 Population, 2009<sup>10</sup>



# Average Annual Number of Physician Visits per Capita, 2009

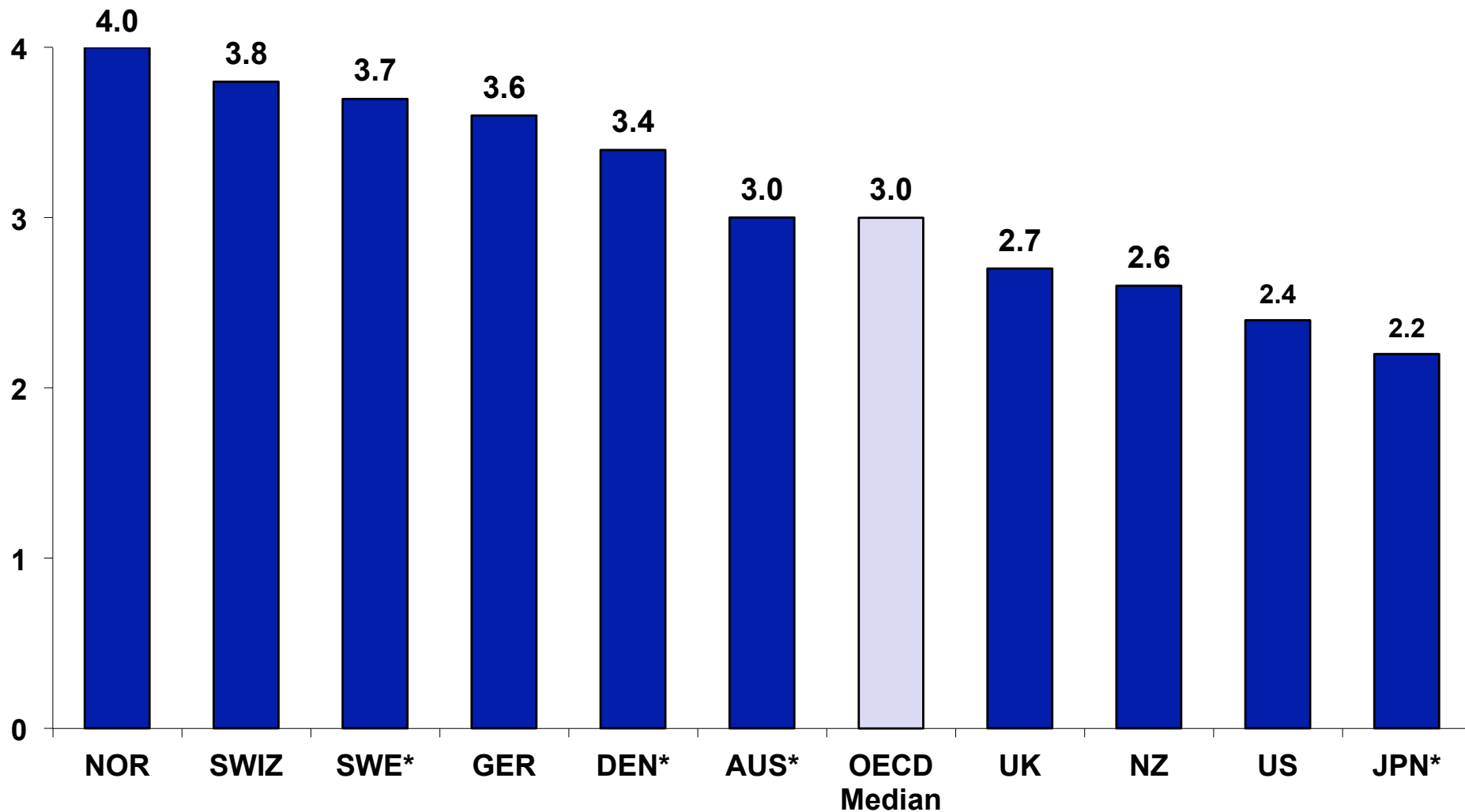


\* 2008.

\*\* 2007.

Source: OECD Health Data 2011 (June 2011).

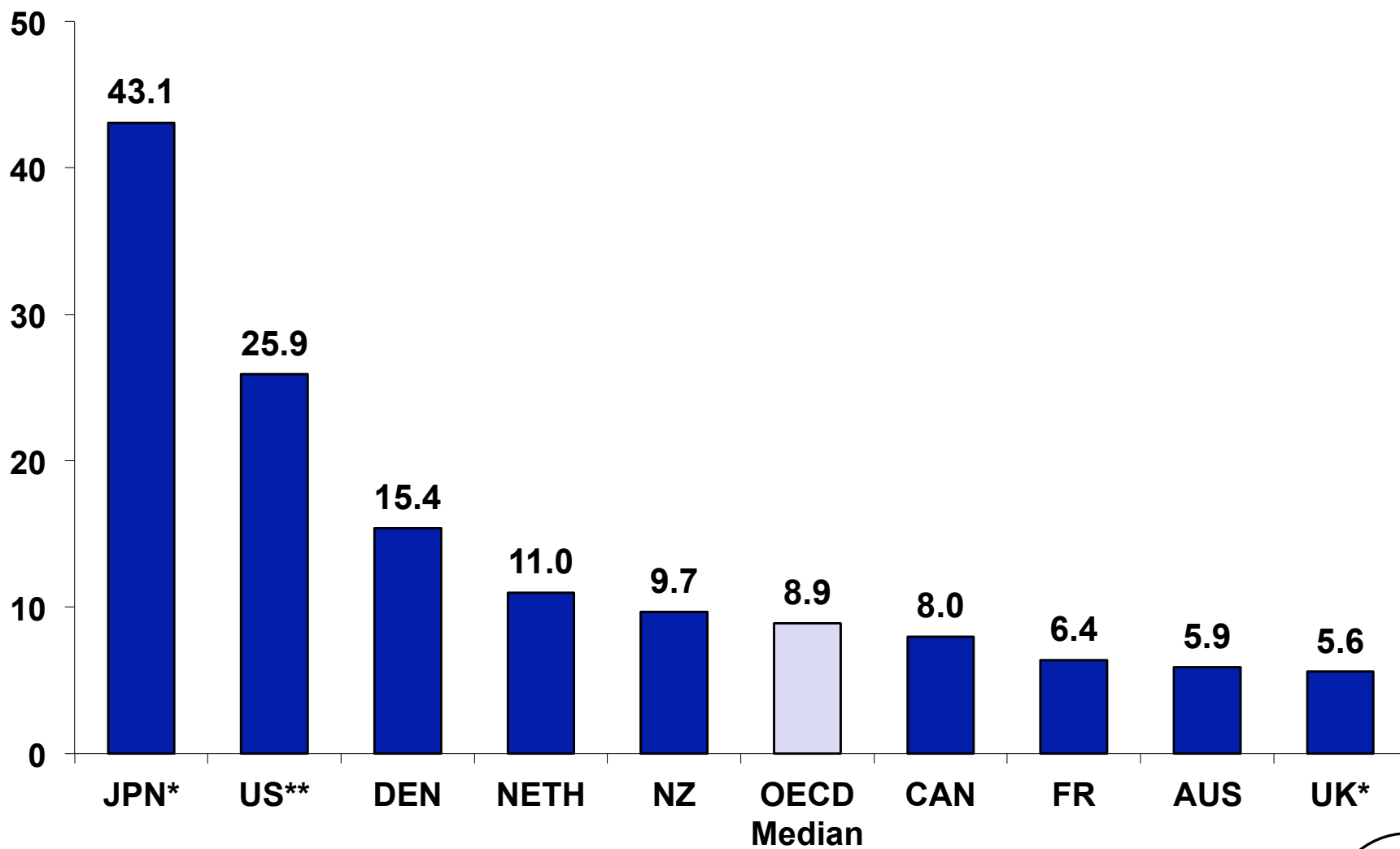
# Number of Practicing Physicians per 1,000 Population, 2009



\* 2008.

Source: OECD Health Data 2011 (June 2011).

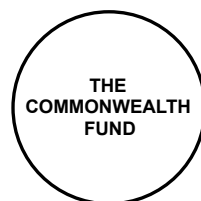
# Magnetic Resonance Imaging (MRI) Units per Million Population, 2009<sup>13</sup>



\* 2008.

\*\* 2007.

Source: OECD Health Data 2011 (June 2011).



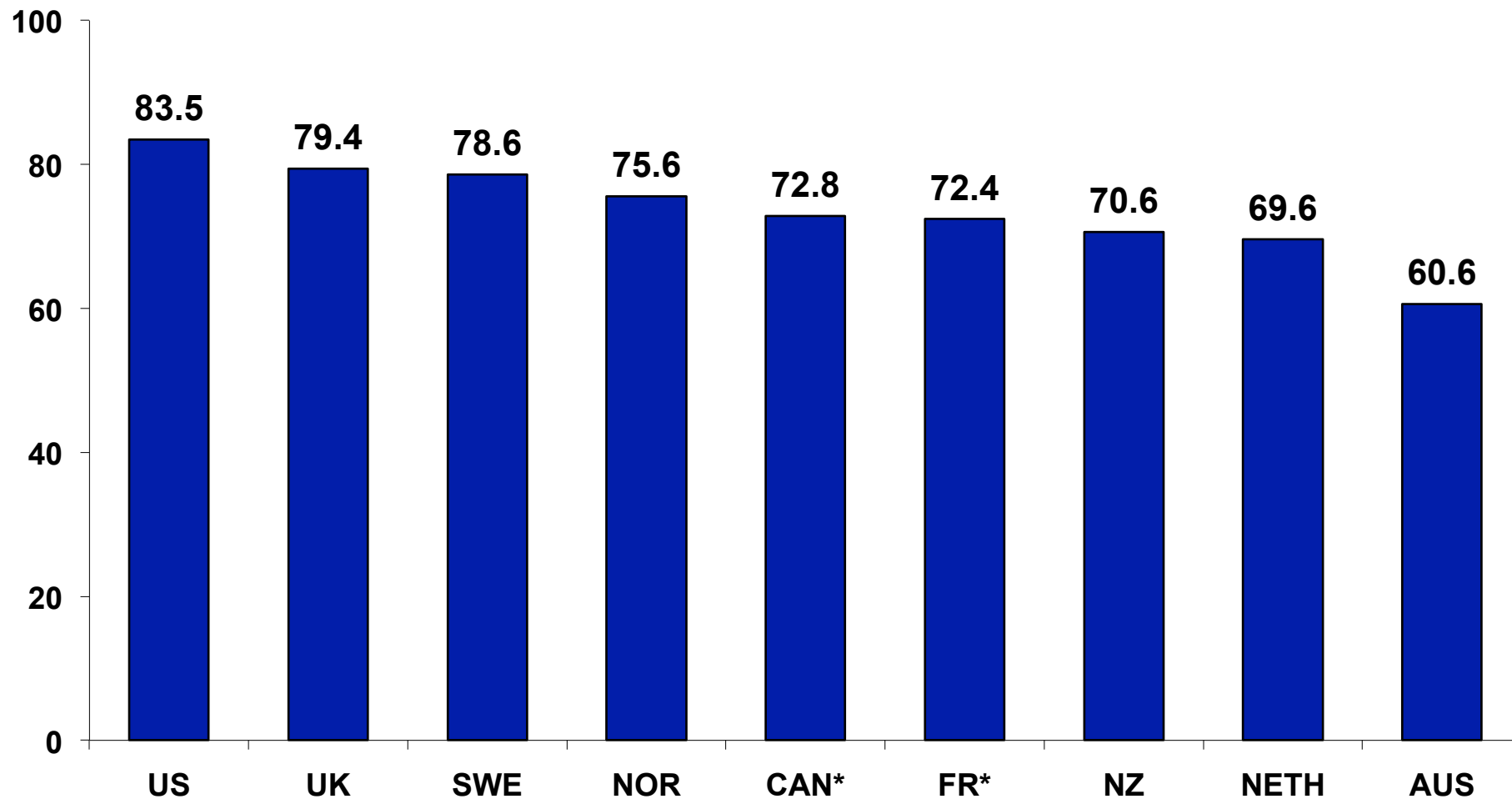
# Health Promotion and Disease Prevention



# Cervical Cancer Screening Rates, 2006

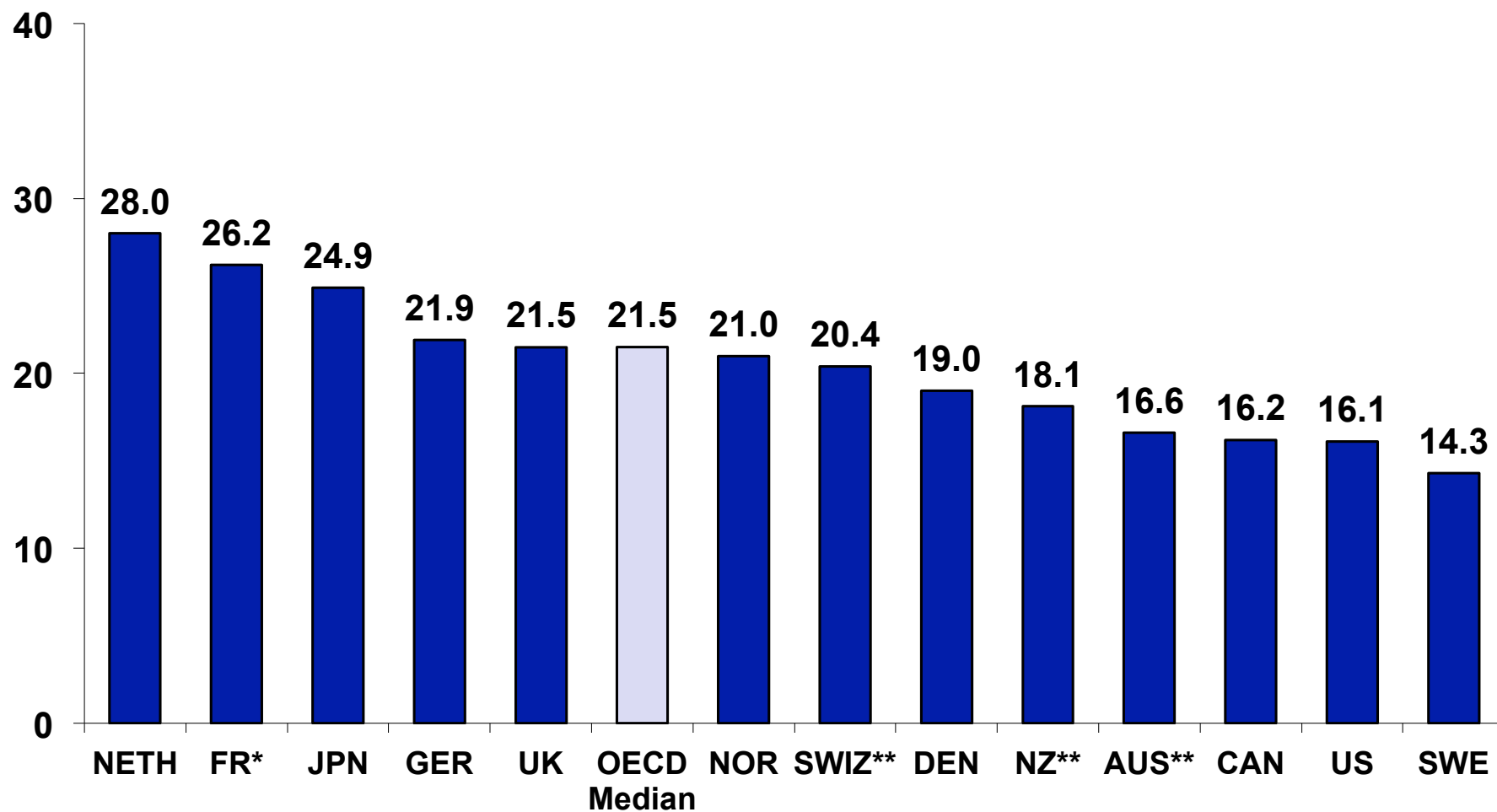
Women Ages 20–69

Percent



# Adults Who Report Being Daily Smokers, 2009

Percent



\* 2008.

\*\* 2007.

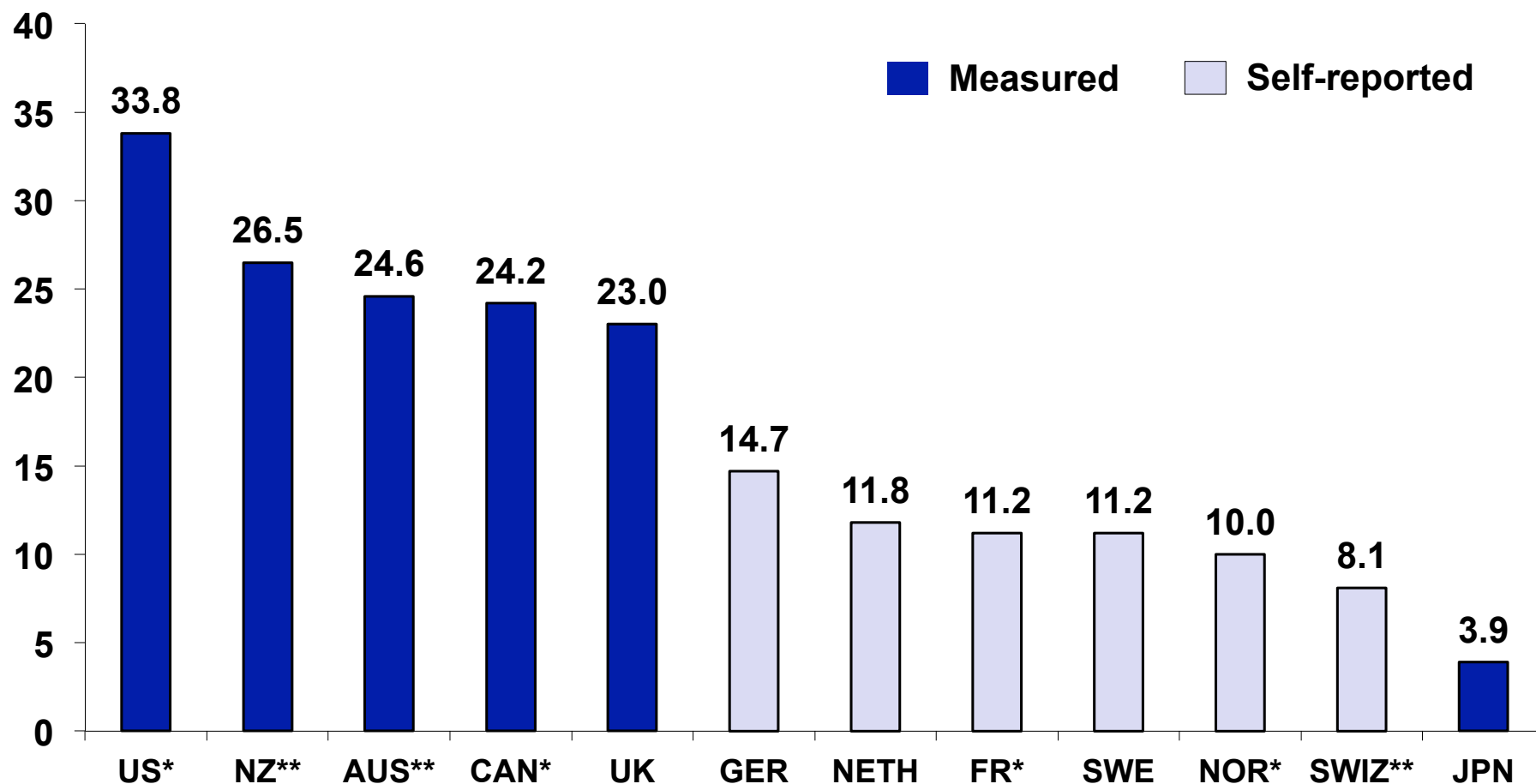
Source: OECD Health Data 2011 (June 2011).

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# Obesity (BMI>30) Prevalence Among Adult Population, 2009

Percent

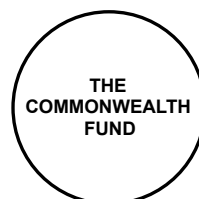


Note: Body-mass index (BMI) estimates based on national health interview surveys (self-reported data) are usually significantly lower than estimates based on actual measurements.

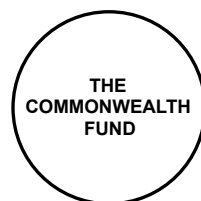
\* 2008.

\*\* 2007.

Source: OECD Health Data 2011 (June 2011).

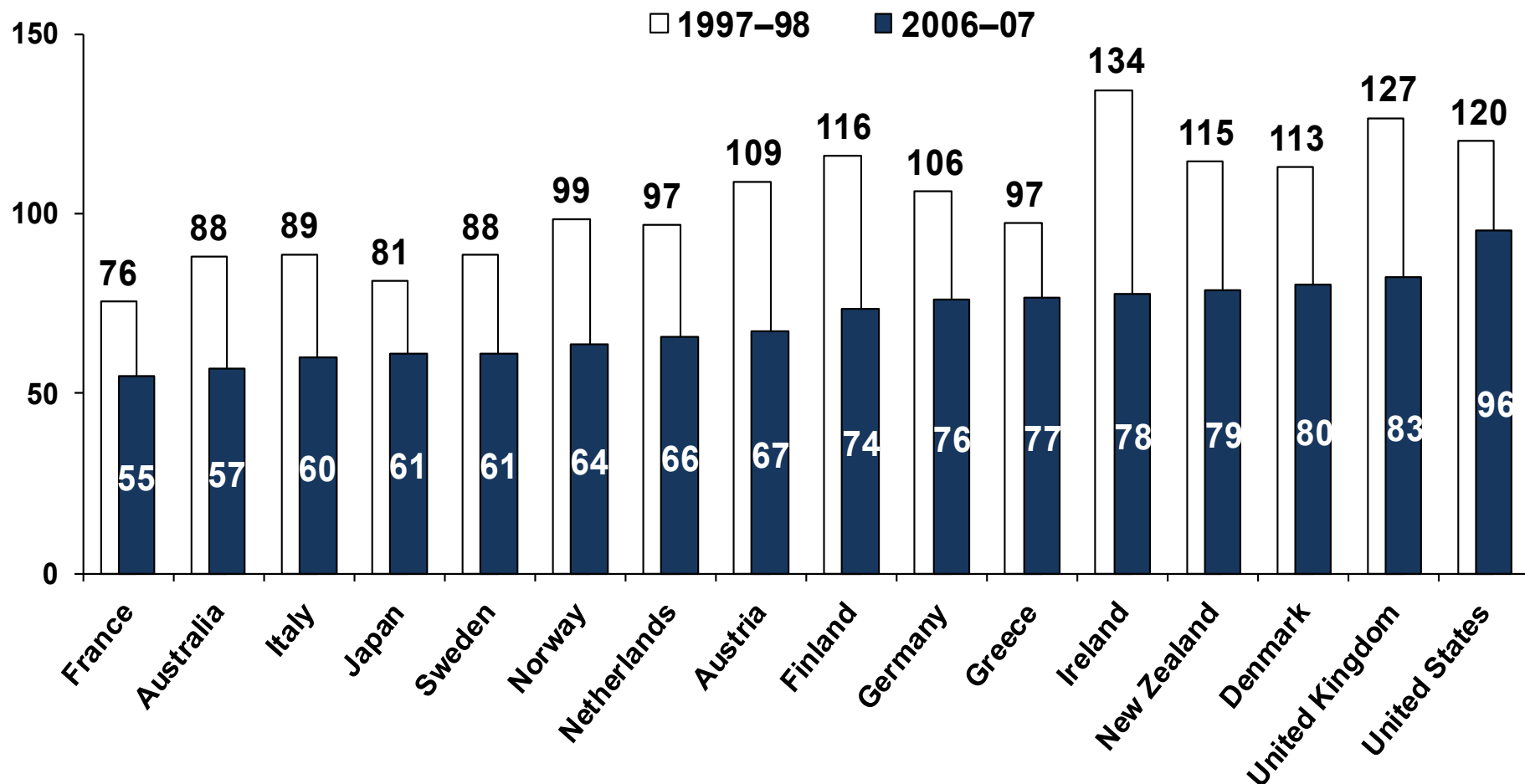


# Quality Outcomes



# Mortality Amenable to Health Care

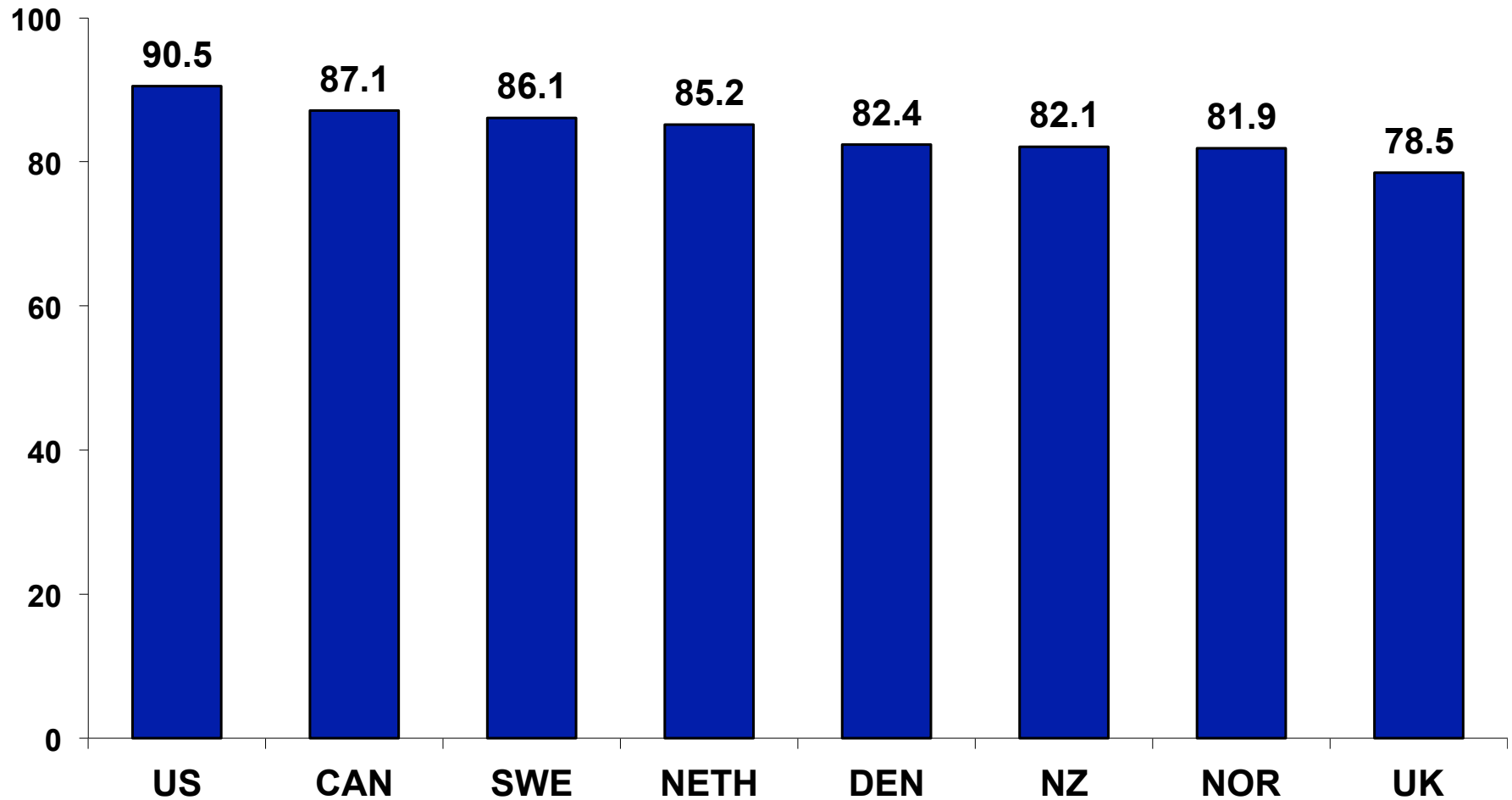
Deaths per 100,000 population\*



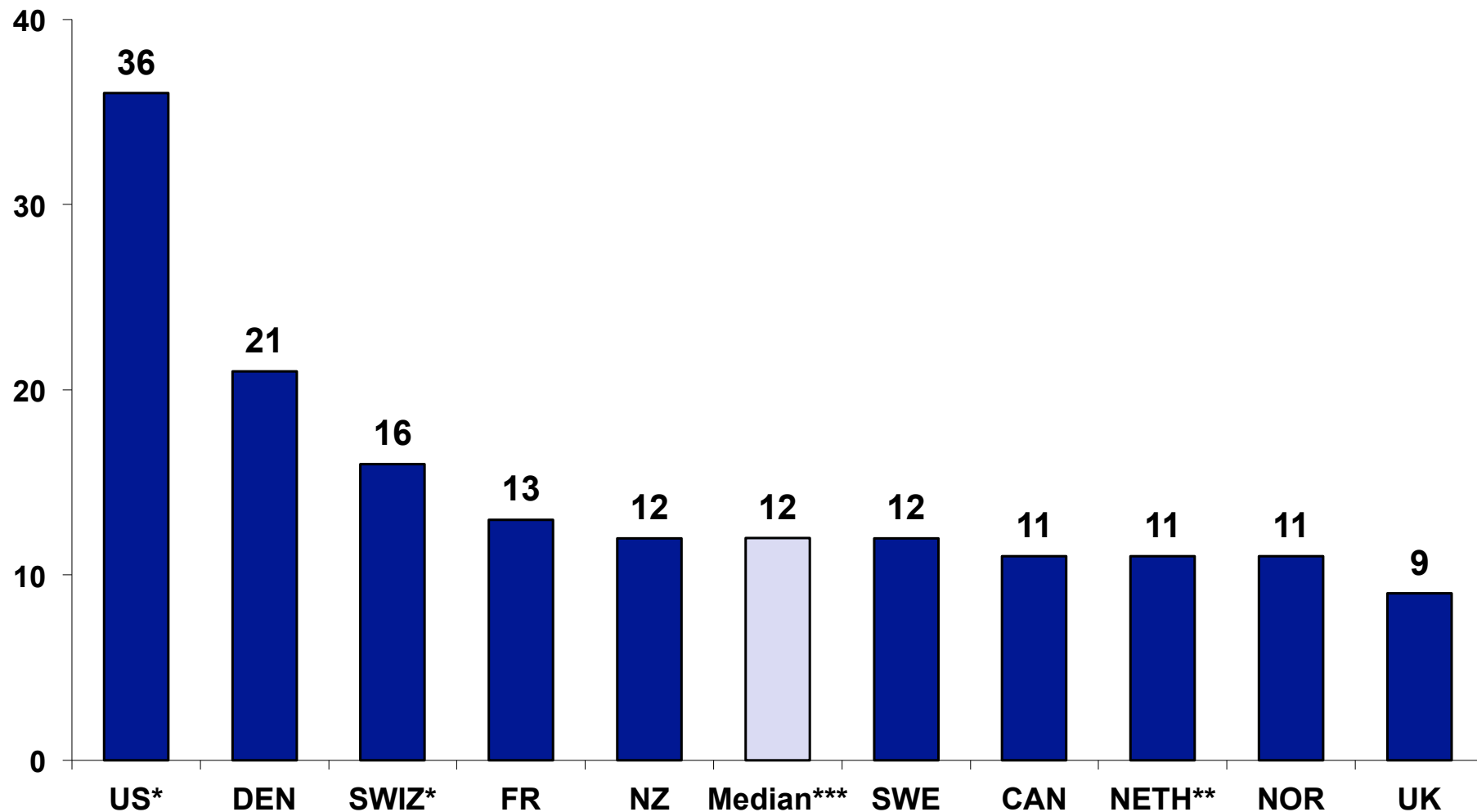
\* Countries' age-standardized death rates before age 75; including ischemic heart disease, diabetes, stroke, and bacterial infections. Analysis of World Health Organization mortality files and CDC mortality data for U.S. Source: Adapted from E. Nolte and M. McKee, "Variations in Amenable Mortality—Trends in 16 High-Income Nations," *Health Policy*, published online Sept. 12, 2011.

# Breast Cancer Five-Year Relative Survival Rate, 2002–2007 (or nearest period)

Percent



## Diabetes Lower Extremity Amputation Rates per 100,000 Population Age 15 and Older, 2007

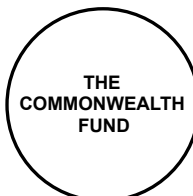


\* 2006.

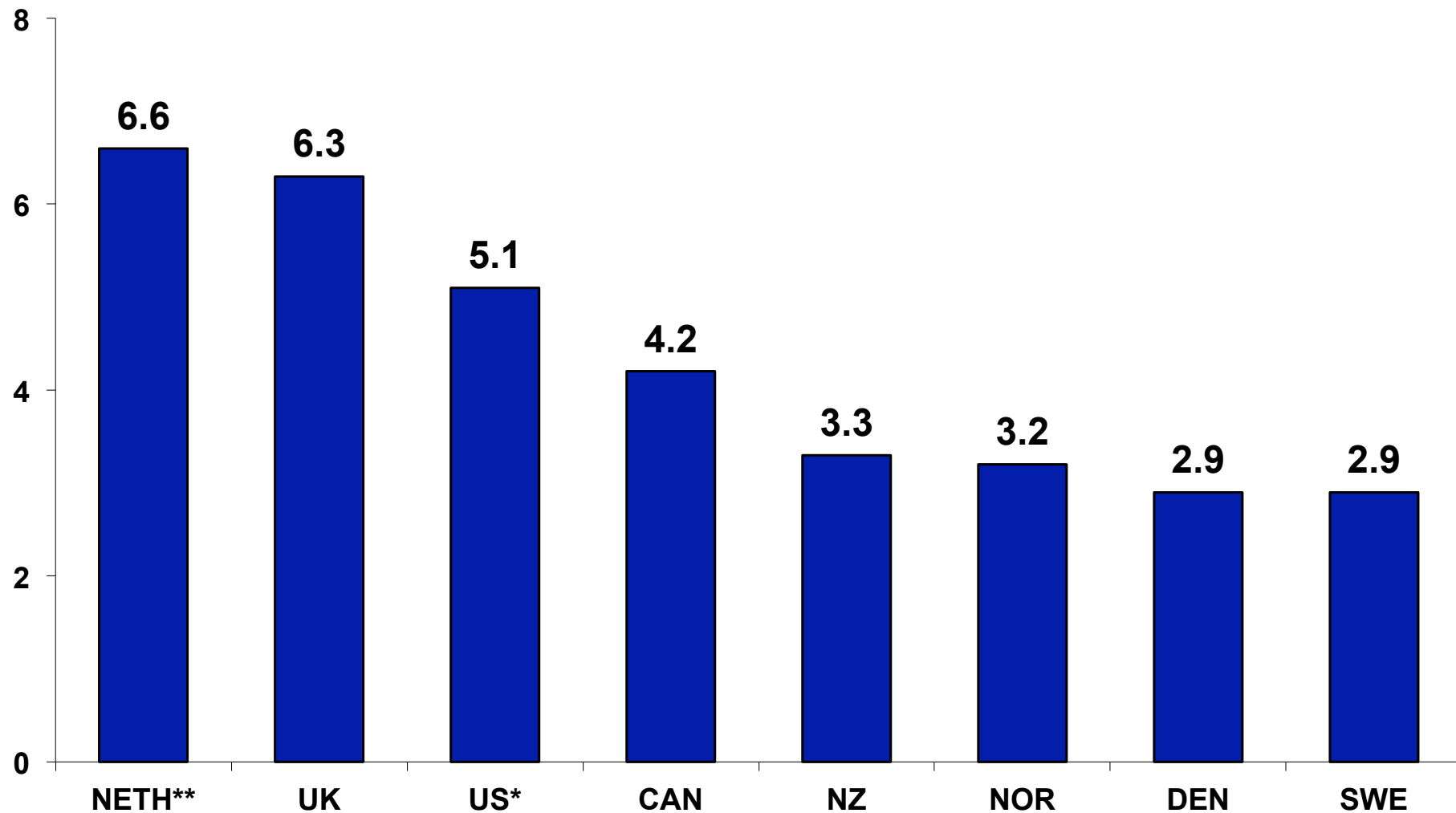
\*\* 2005.

\*\*\* Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.



# Mortality After Admission for Acute Myocardial Infarction\* per 100 Patients, 2007



\* In-hospital case-fatality rates within 30 days of admission.

\*\* 2006.

\*\*\* 2005.

Source: OECD Health Care Quality Indicators Data 2009.

# Prices

# Drug Prices for 30 Most Commonly Prescribed Brand-Name and Generic Drugs, 2006–07

US is set at 1.00

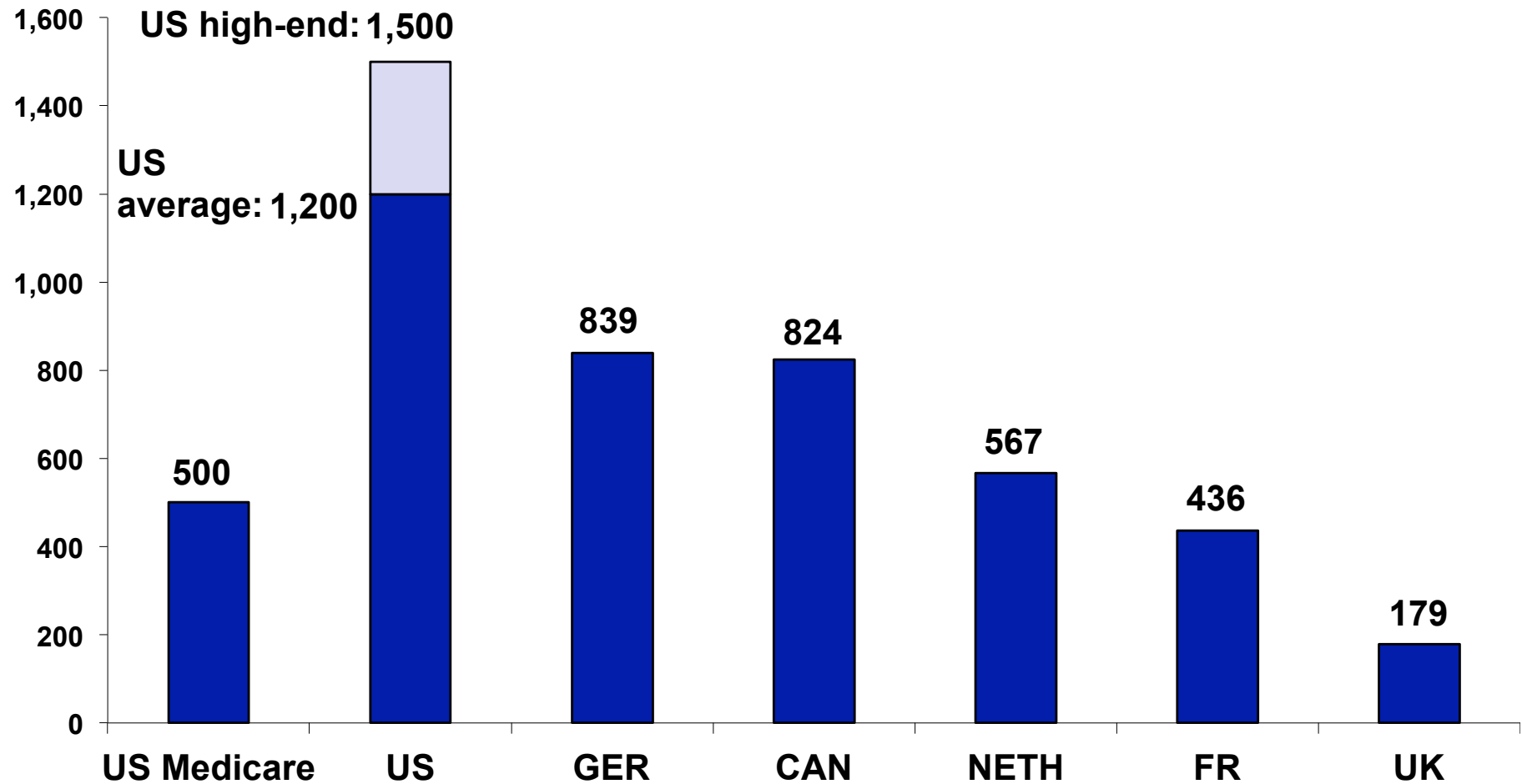
	AUS	CAN	FR	GER	NETH	NZ	SWITZ	UK	US
<b>Brand-name drugs</b>	<b>0.40</b>	<b>0.64</b>	<b>0.32</b>	<b>0.43</b>	<b>0.39</b>	<b>0.33</b>	<b>0.51</b>	<b>0.46</b>	<b>1.00</b>
<b>Generic drugs</b>	<b>2.57</b>	<b>1.78</b>	<b>2.85</b>	<b>3.99</b>	<b>1.96</b>	<b>0.90</b>	<b>3.11</b>	<b>1.75</b>	<b>1.00</b>





# MRI Scan and Imaging Fees, 2009

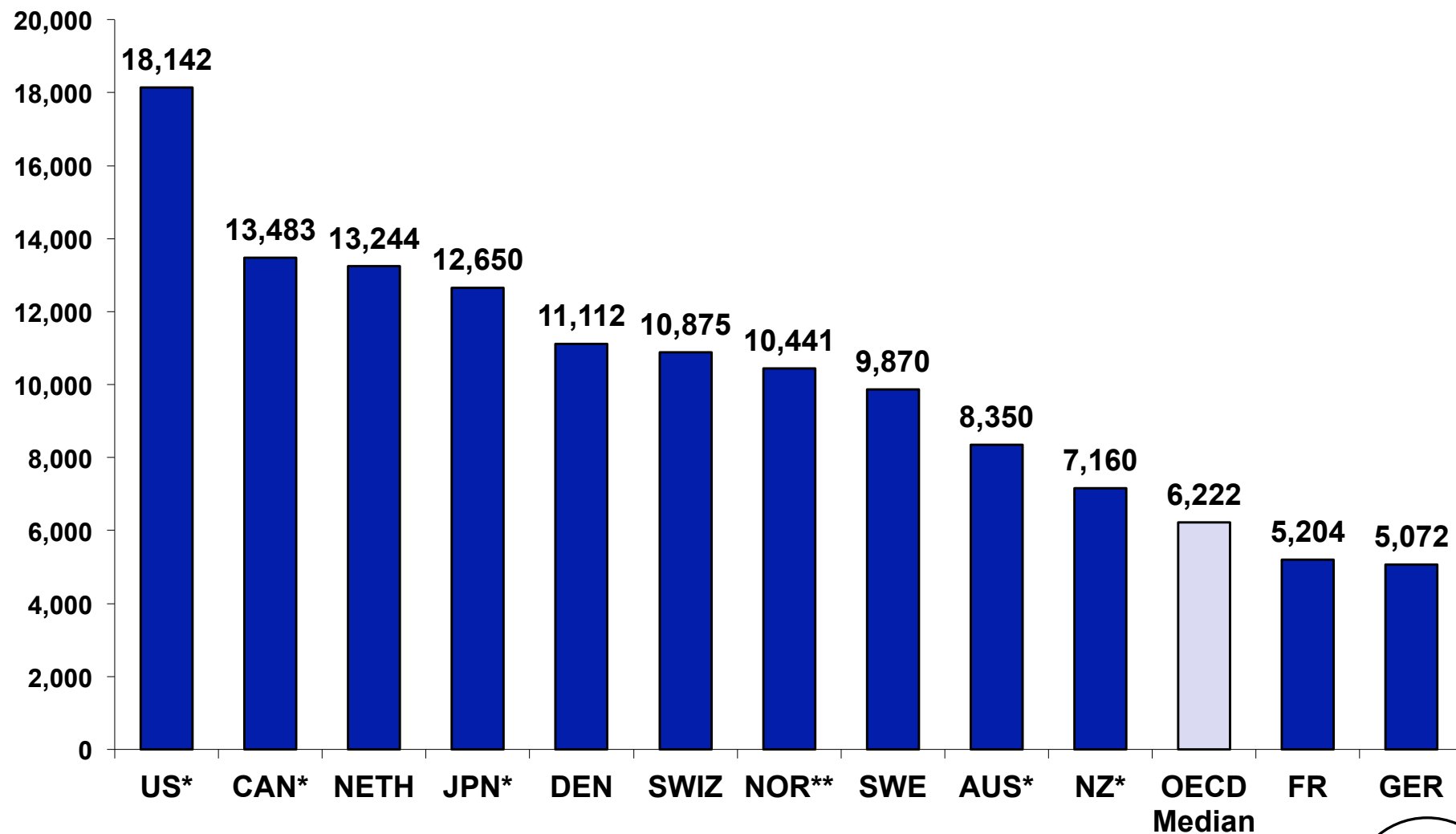
Dollars



# Hospital Spending per Discharge, 2009

## Adjusted for Differences in Cost of Living

Dollars



\* 2008.

\*\* 2007.

Source: OECD Health Data 2011 (June 2011).

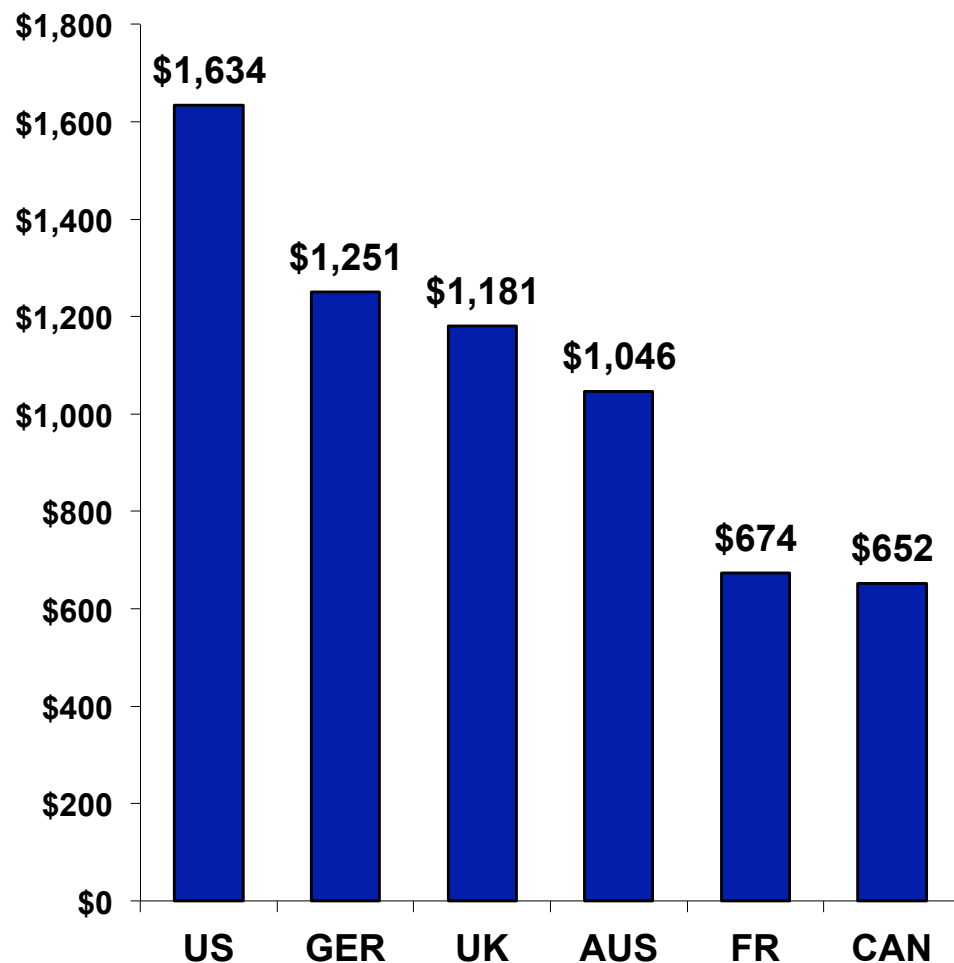
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# Physician Fee for Hip Replacement, 2008

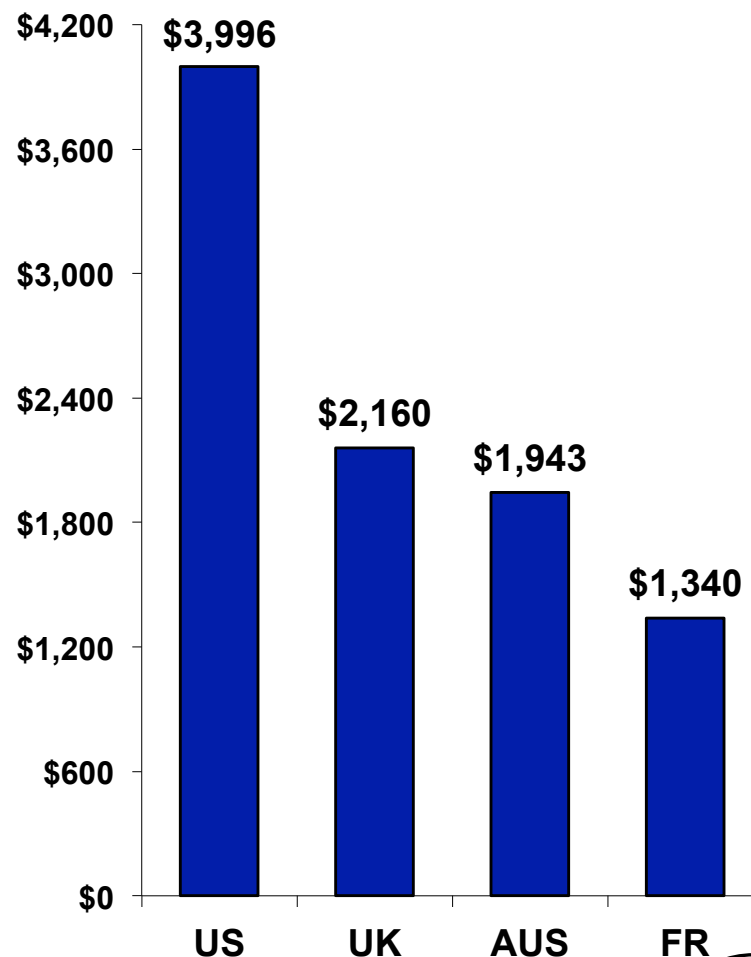
Adjusted for Differences in Cost of Living

Dollars

Public payers



Private payers



# Physician Incomes, 2008

## Adjusted for Differences in Cost of Living

